Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 02 Dec 2023 until 23:59 on Sunday 03 Dec 2023

Forecast Issued on Saturday 02 Dec 2023 at 04:35

Confidence: High for cold this weekend but lower for cloud details and much lower for details for Sunday and Monday, due to continuing uncertainty over depth and movement of a low, currently expected to move east along the English Channel, and the eventual change to milder conditions.

Headline for Saturday 02 Dec 2023: Mainly dry with good sunny spells. Light winds. Very cold.

Mountain weather hazards on Saturday 02 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
00%	00%	00%	00%	10%	10%

Forecast for Saturday 02 Dec 2023

Weather: Dry and clear at first with a widespread frost and low level freezing fog patches. Then a bright day with long sunny spells and the freezing fog patches slowly clearing. However, very thin low cloud may drift on to the eastern and western fringes of the Peak District, with central areas remaining sunny. Staying dry this afternoon, then cloudier conditions arriving late afternoon and this evening, with outbreaks of snow probably arriving from the west late evening.

Chance of cloud-free hill tops above 600m: Close to 100%, with any low cloud arriving on the fringes of the park remaining below 300m and so tops above 600m remaining clear. This evening generally falling to 40%.

Low cloud and visibility: Little or no cloud below the summits at first. Then occasional cloud developing below about 300m across park fringes this morning, clearing early afternoon. Then occasional cloud below 600m developing from the west this evening. Away from cloud visibility very good with excellent panoramic views of surrounding hills, falling to around a kilometre in snow, and just a few hundred metres in any low level freezing fog and hill fog.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Saturday 02 Dec 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/10 SW	8/13 SW	11/14 SW	13/17 SW	15/21 SW	16/24 S	17/23 S
300	3/3 S	3/6 SE	4/6 S	6/10 S	10/16 S	12/19 S	11/17 S
Valley	2/2 SE	3/7 E	3/8 S	2/10 S	5/15 S	6/16 S	6/15 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-6	-2/-7	-1/-6	-1/-7	-2/-8	-1/-7	-1/-7
300	-3/-4	-1/-3	0/-2	1/-2	0/-4	0/-4	0/-4
Valley	-2/-4	-2/-4	1/-1	1/-1	0/-2	1/-2	1/-2
Freezing Level*	00m	00m	100m	200m	200m	200m	300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Valley temperatures around minus 6 Celsius at dawn. Feeling very cold at all levels despite light winds and sunshine.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 02 Dec 2023	0.4mm	0.4mm	0.6mm

Forecast for Sunday 03 Dec 2023

Weather: Outbreaks of snow at first, soon clearing away east. Then probably cloudy and dry, although there is a risk of patchy rain arriving through the day, with the sleet or snow over the summits. However confidence is low regarding this. Widespread hill fog developing.

Maximum wind: Easterly or southeasterly 10mph or less, increasing a little through the evening.

Chance of cloud-free hill tops above 600m: 40% decreasing 10% or less.

Low cloud and visibility: Occasional cloud above 600m becoming persistent through the morning. Away from cloud visibility mostly good, but just a few hundred metres in any early freezing fog.

Temperature: **Valleys:** Around Plus 1 Celsius at dawn rising to plus 3 Celsius by day
At 600m: Around minus 1 Celsius increasing to plus 1 Celsius.
Freezing level: Less than 300m probably rising to 600-700m.

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